

SCLERAL EXPANSION DEVICE HAVING DUCK BILL

ABSTRACT OF THE DISCLOSURE

A prosthesis for scleral expansion includes a central body
5 portion and at least one end portion having a width greater than
the width of the central body portion. The end portion therefore
inhibits rotation of the prosthesis about a long axis when the
prosthesis is implanted within a scleral pocket or tunnel. The
10 other end of the central body portion may have a blunted end
portion including grooves for receiving a edge or lip of an
incision forming the scleral tunnel to inhibit the prosthesis from
sliding within the scleral tunnel. Curvature of the bottom surface
of the central body portion may be greater than the curvature of
15 the innermost surface of the scleral tunnel so that contact between
the scleral and the bottom surface of the prosthesis is primarily
with the end portions.